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6. In early November [ ] source observed telephone cables being laid in Neubrandenburg. In late November, he learned from [ ] [ ] was connected with the laying of two 0-wire underground cables from Berlin via Stralsund to the Ruegen radio station. (4)

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[ ] Comments.

- (1) For map, see Annex. Information on the construction of a carrier frequency line was transmitted previously. See [ ]
- (2) The Anklam-Wolgast and Stralsund-Sagard lines have been newly constructed. The other lines mentioned follow the course of existing long-distance cables.
- (3) The cable sample obtained by source, which is not being forwarded, has a lead covering with an outer diameter of about 4.3 mm; its thickness is 1.3 mm. Its surface is stamped OPD (Oberpostdirektion) (Regional Postal Headquarters) Berlin No 1. The cable has three layers of wire separated from each other by paper. The wires 1 through 8 of the inner layer have a diameter of 0.9 mm, are arranged in strands, and are insulated against the second layer of wires by tin foils. Wires 9 through 24 of the second layer of wires are 1.4 mm thick and also arranged in strands. Wires 25 through 46 of the third layer of wires have a diameter of 1.4 mm. Four twin wires each are insulated individually by tin foils. A ground wire runs along the outer surface of the tin foils.
- (4) It is believed that the improvement of the telecommunications network in Mecklenburg serves military purposes, since industrial requirements in this area would not justify the extent of the line construction work reported.

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Approved For Release 2002/05/07 : CIA-RDP83-00415R012400050007-1

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Annex

**Telecommunications Installations under Construction or Scheduled to Be Built  
in Mecklenburg and Western Pomerania.**

Status of 20 Febr 52  
Scale 1:500,000

- Legend:**
- V Repeater stations of existing long distance circuits.
  - New overhead long distance circuit.
  - New underground cable.

